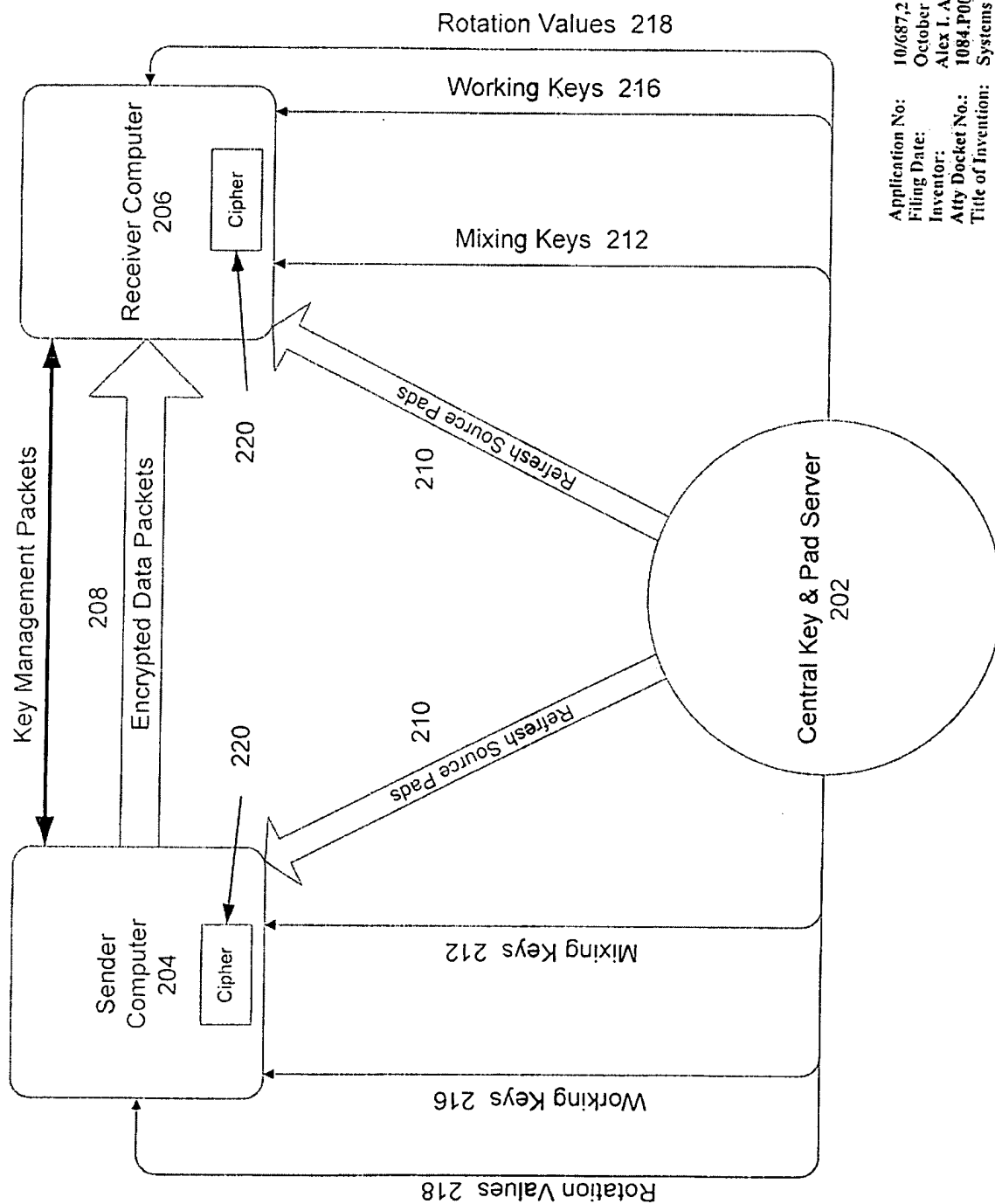


Fig. 1

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 Inventor: Alex L. Allen
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Keys, Pads and Encrypted Data
Flows
With Central Server

Fig. 2



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Fig. 3 Key or Seed Data Structure

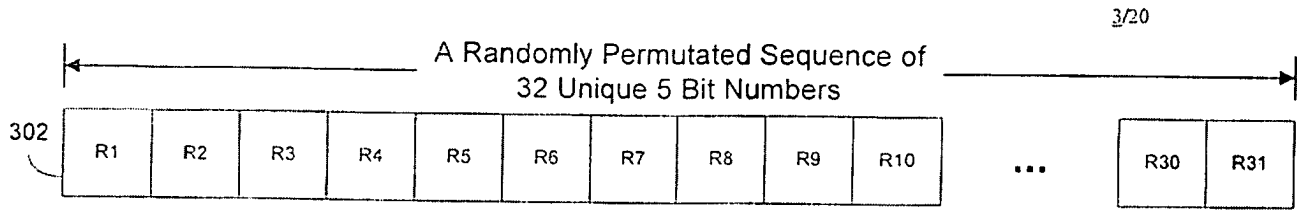


Fig. 4 Unit Sizes Used For Partitioning Random Permutations

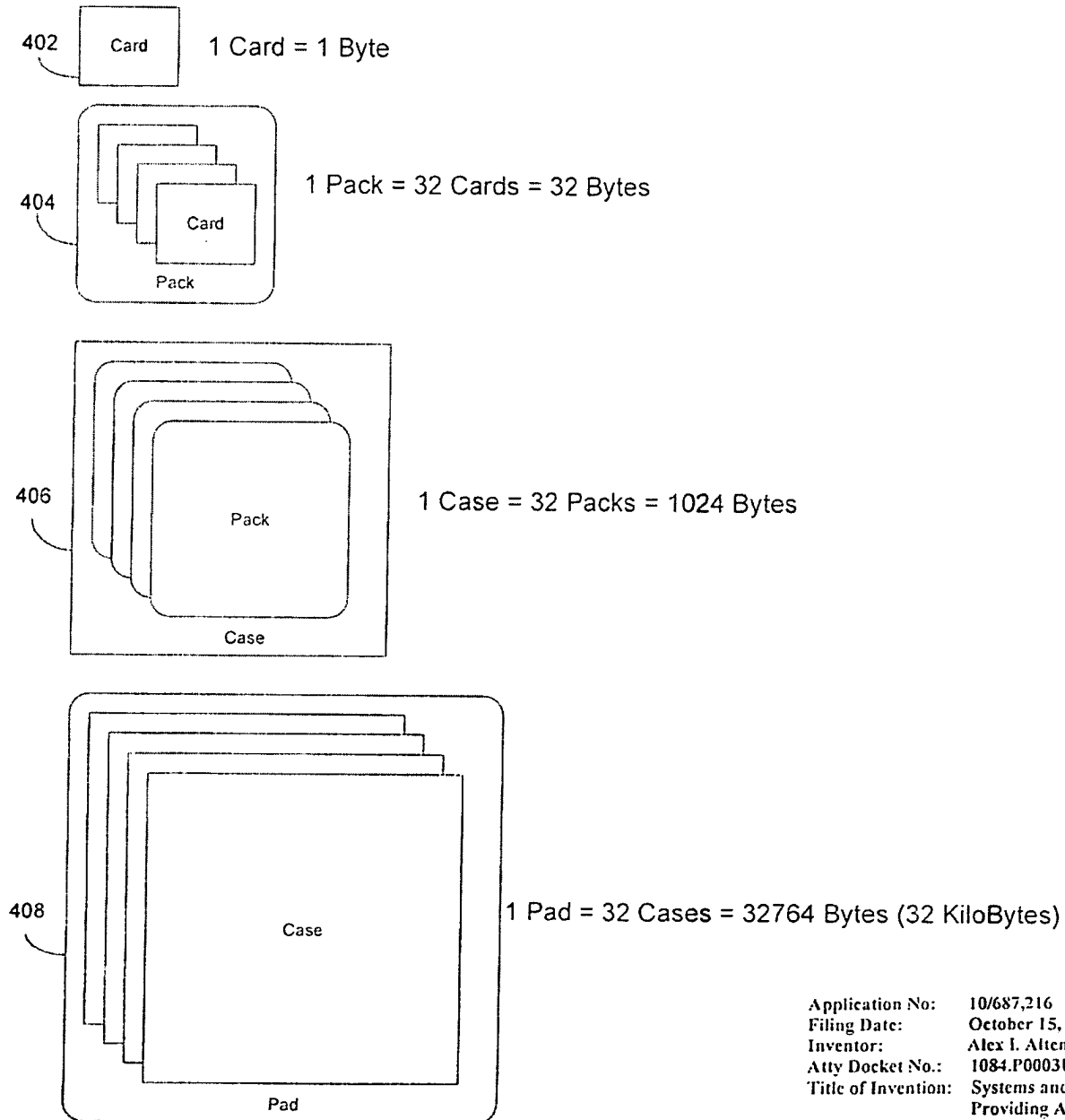


Fig. 5

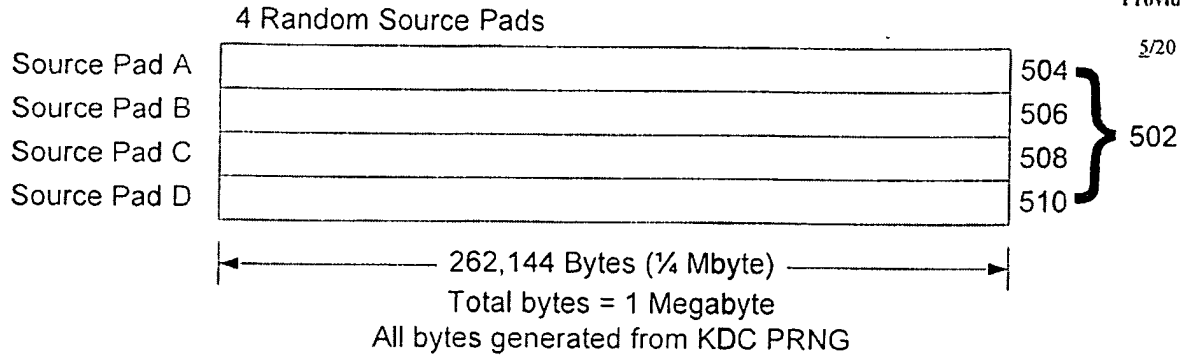


Fig. 6

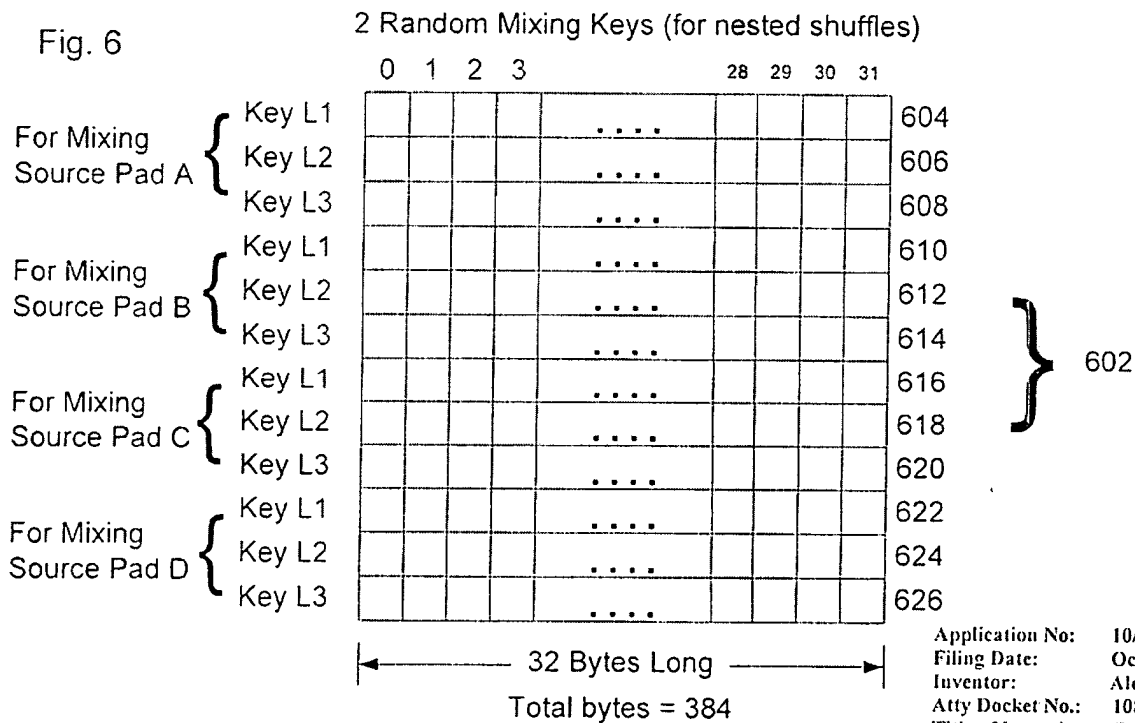


Fig. 7

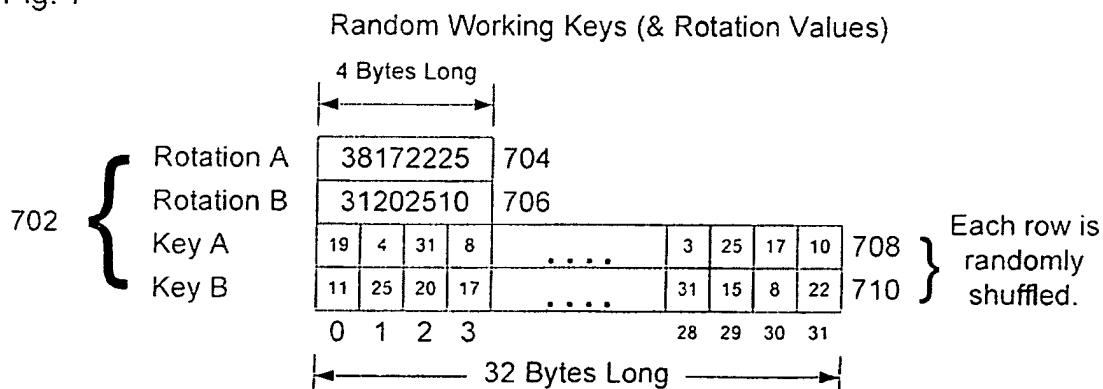
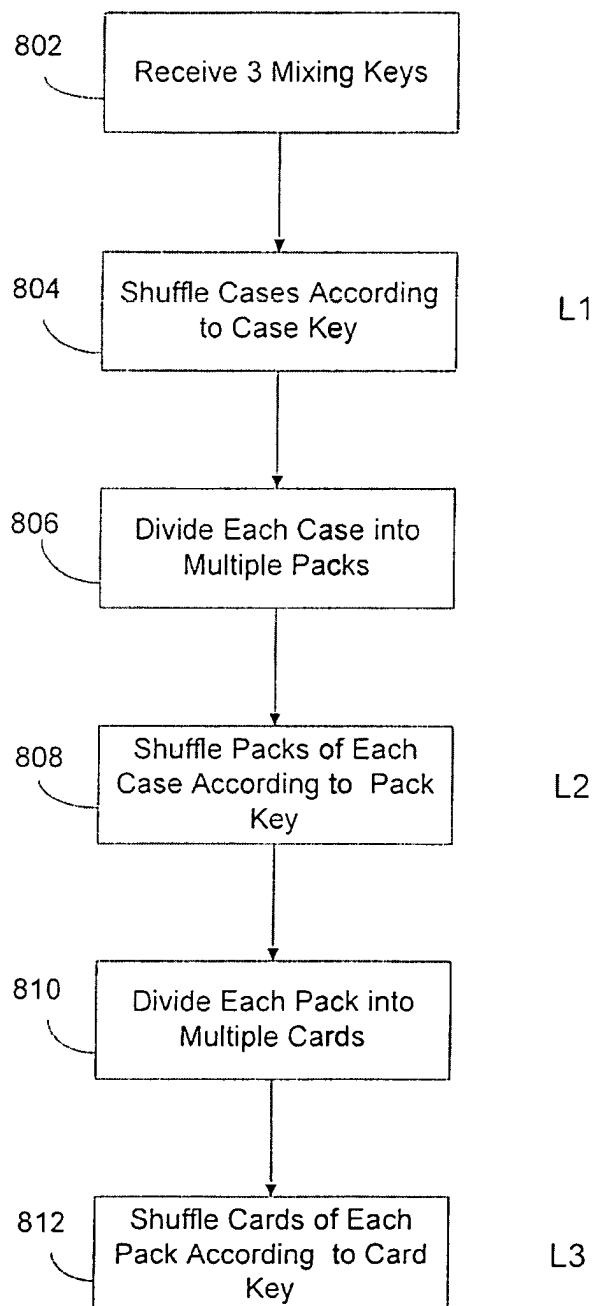


Fig. 8

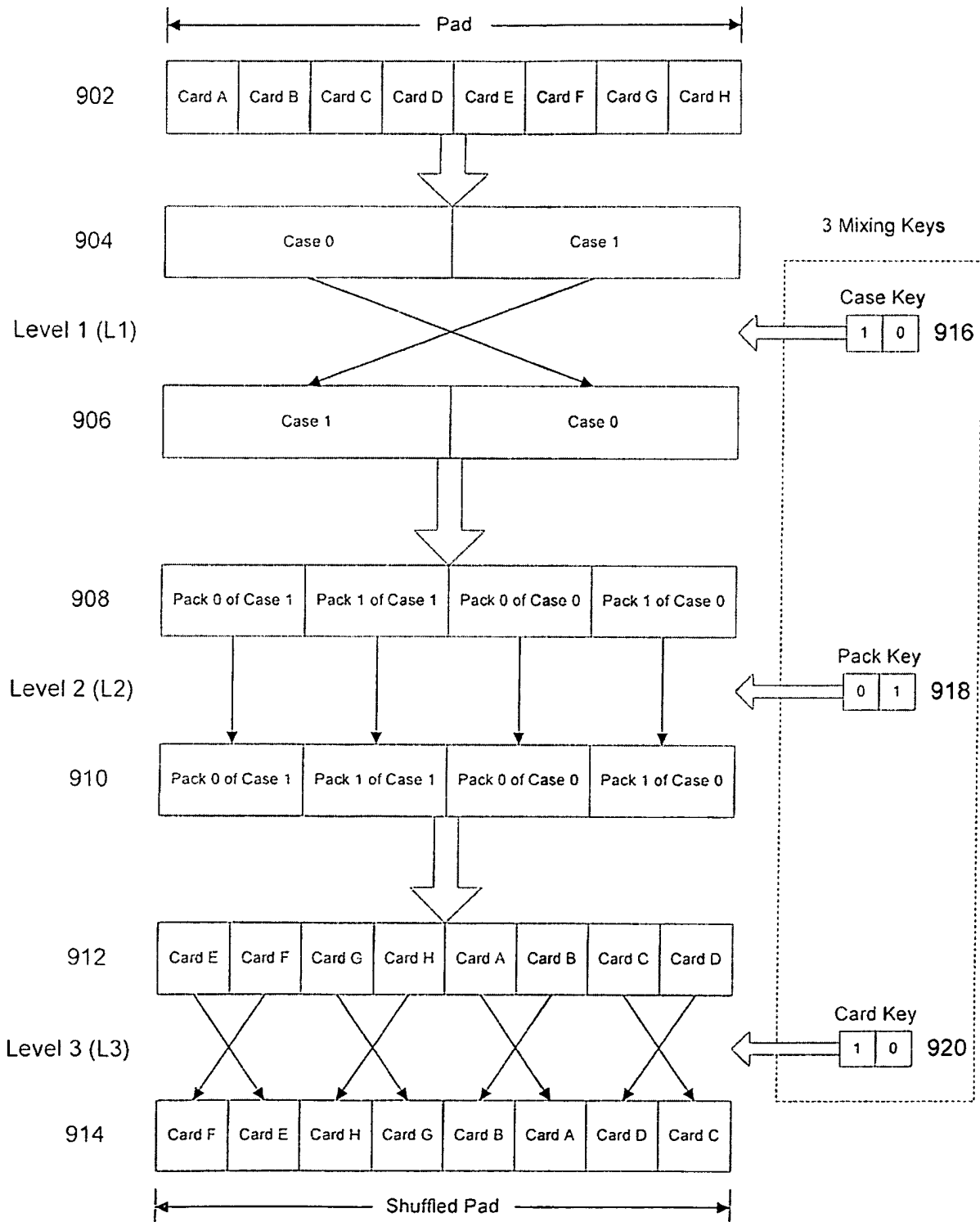
Flow Chart for Nested Shuffle



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Fig. 9

Nested Shuffle of a Series of Cards



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Secure Internet Protocol Header Format

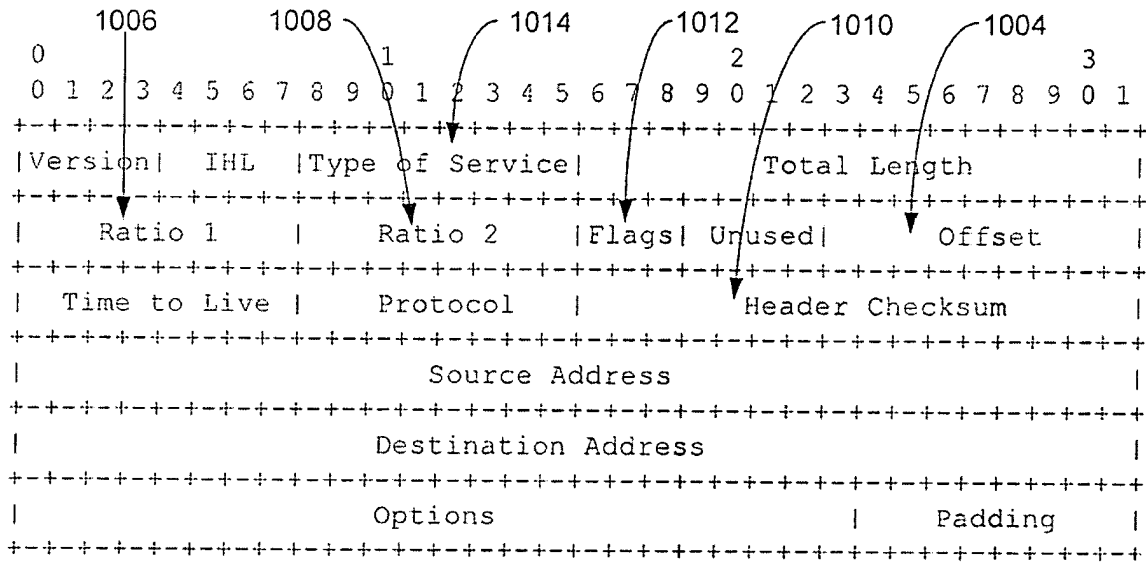
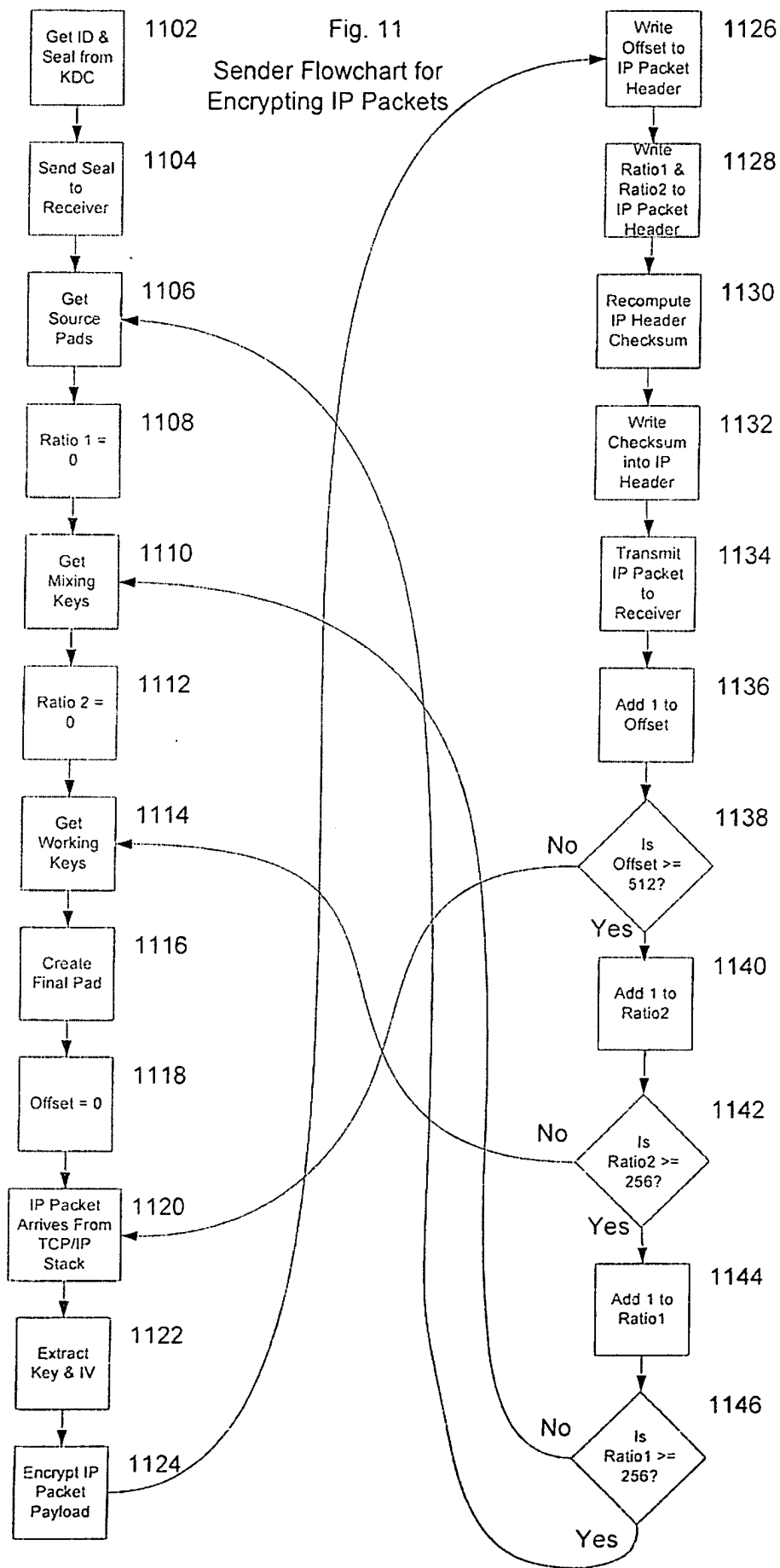


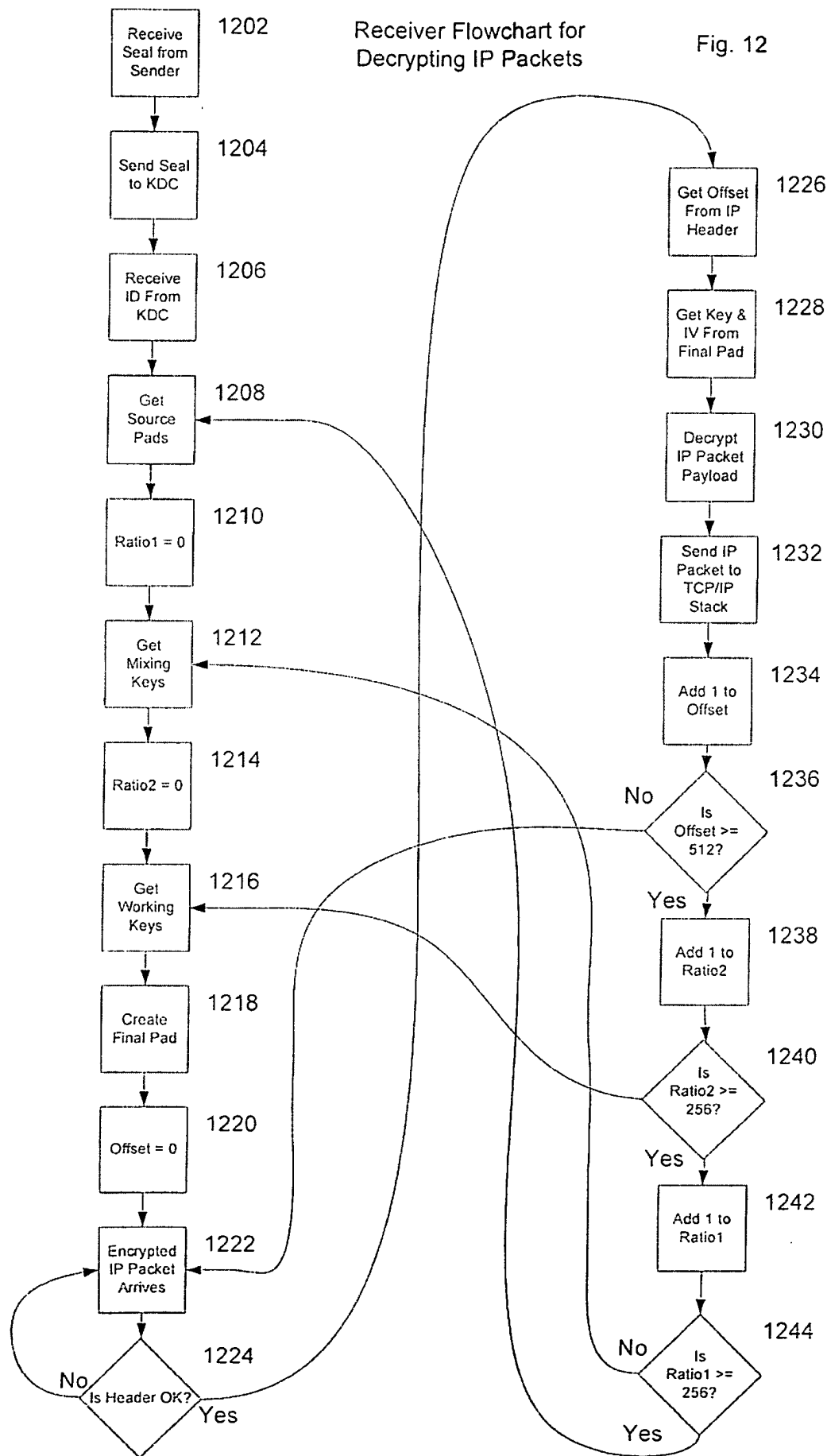
Fig. 10

Ratio 1 = 8 bits
Ratio 2 = 8 bits
Offset = 9 bits

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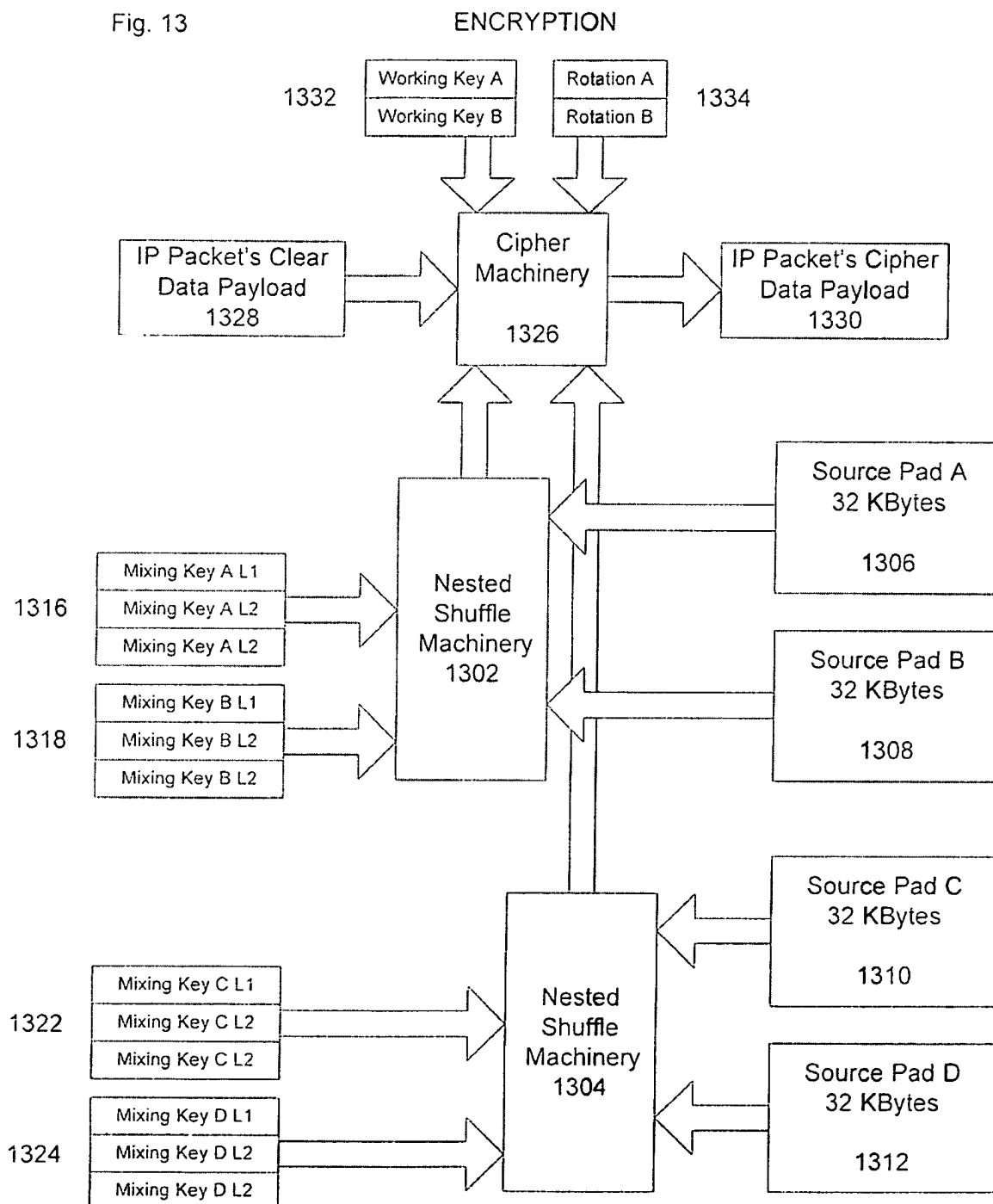


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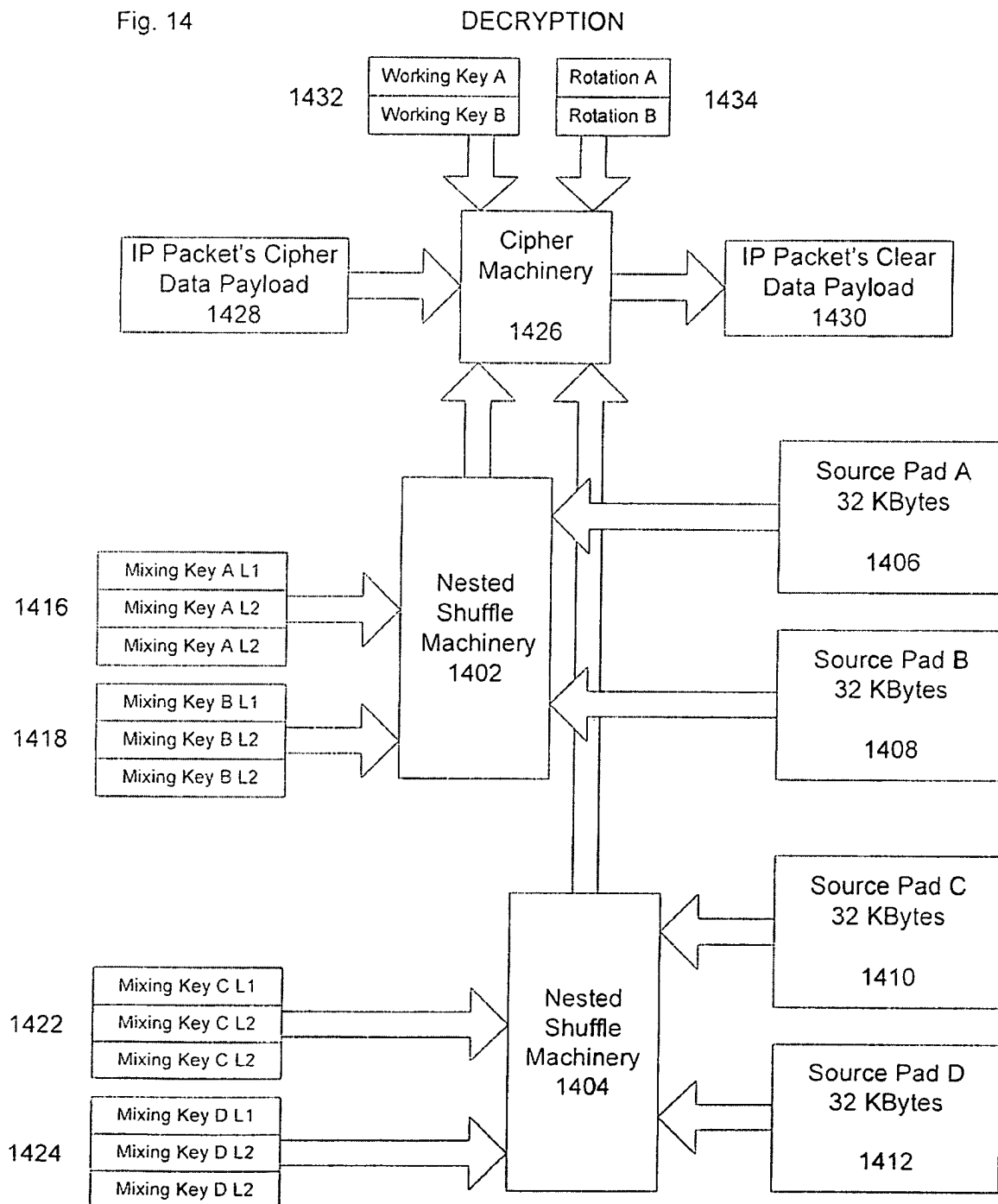
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Fig. 13



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Fig. 14



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Fig. 15

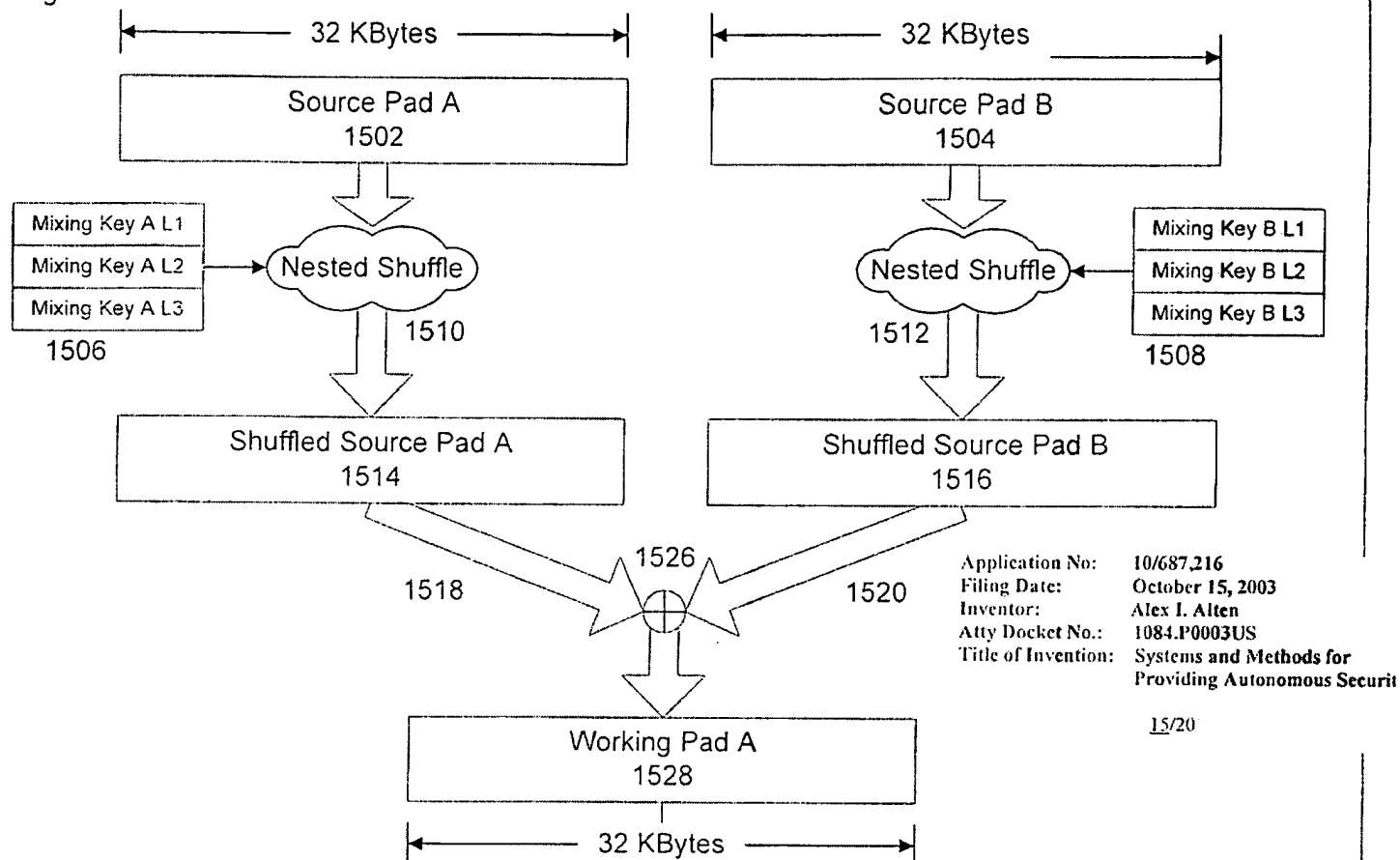


Fig. 16

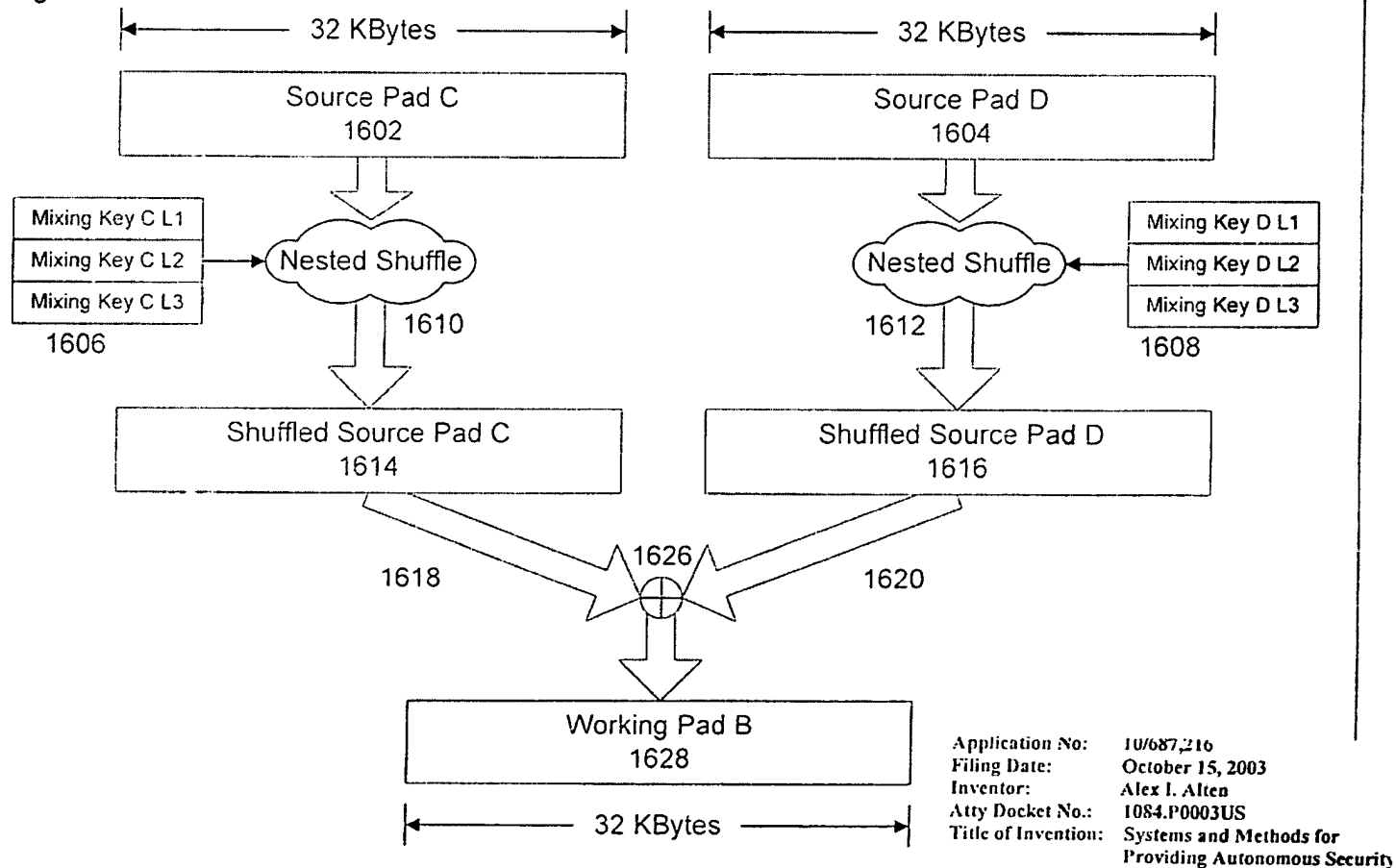


Fig. 17

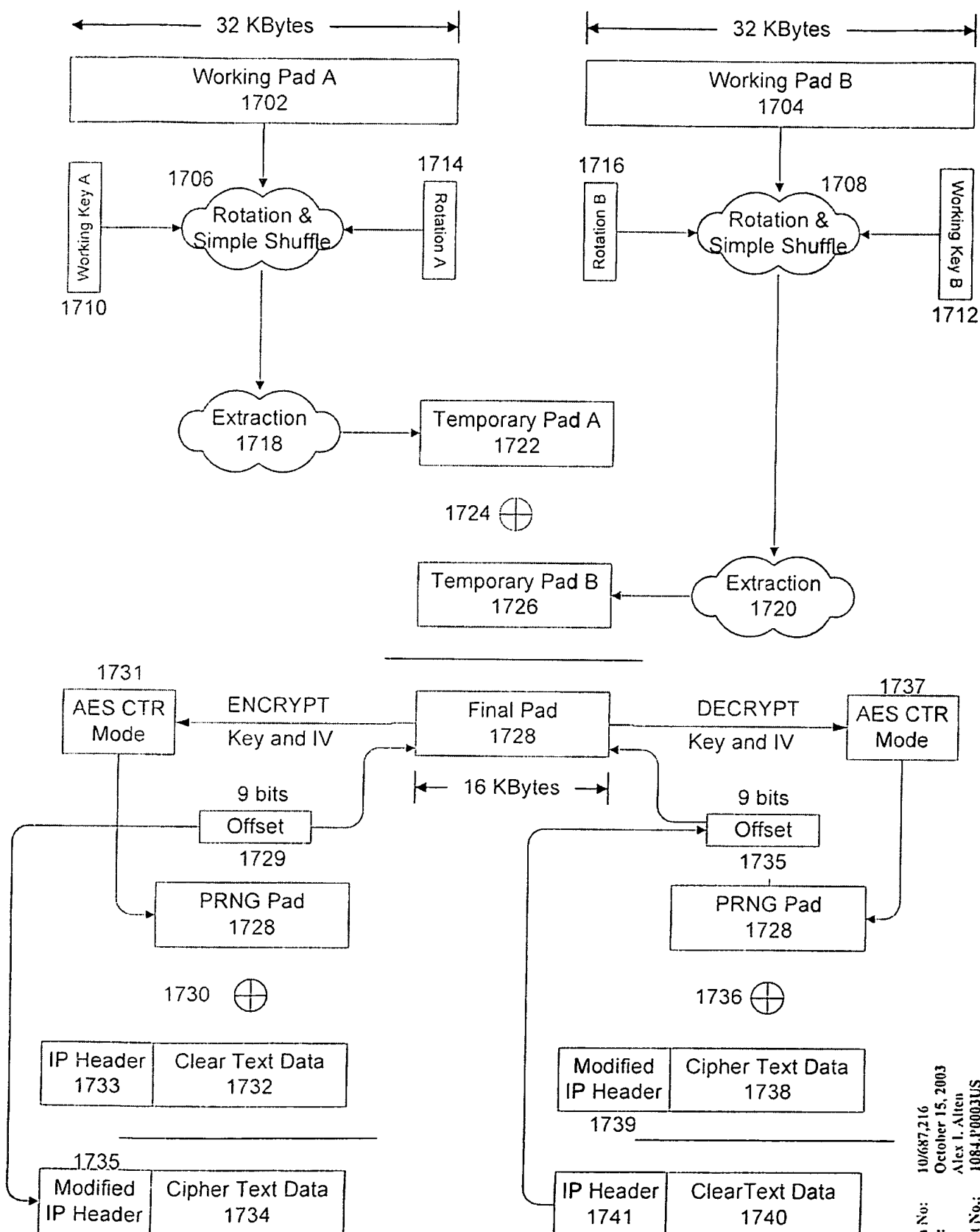
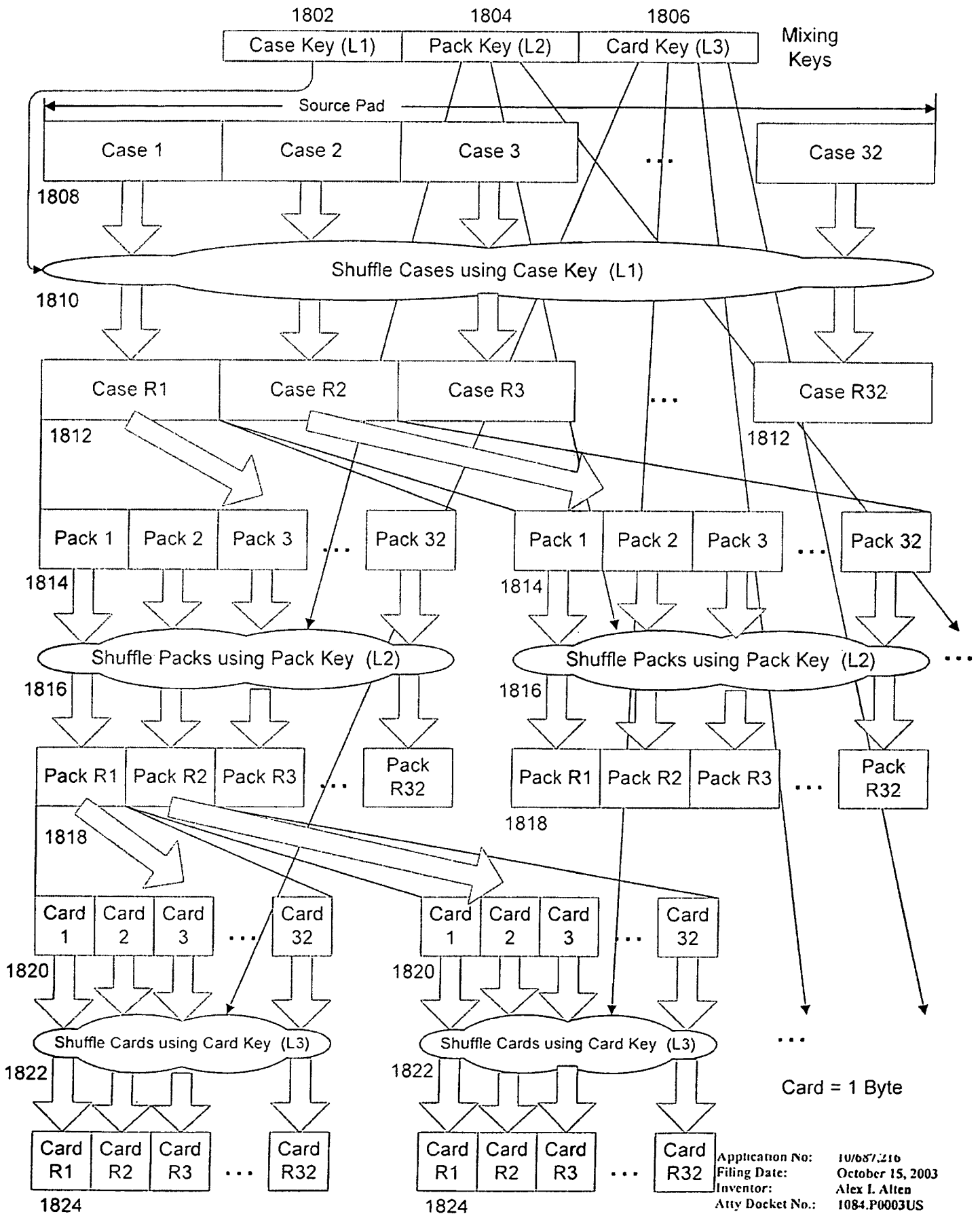


Fig. 18

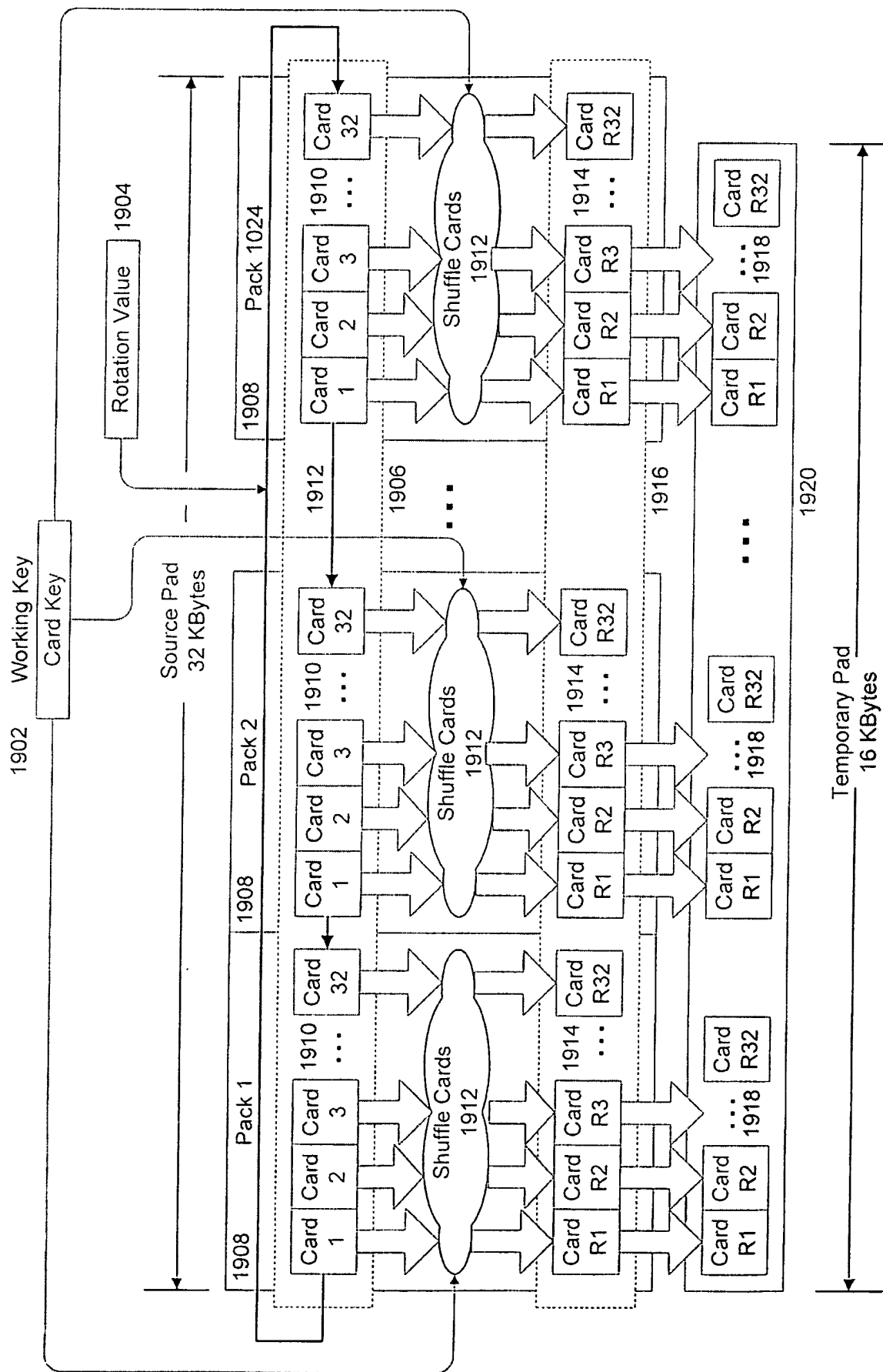
Nested Shuffle Of A Source Pad (32 KB)



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Rotation & Simple Shuffle of Working Pad (32 KB)
and Extraction of a Temporary Pad (16 KB)
Using a Working Key and Rotation Value

Fig. 19



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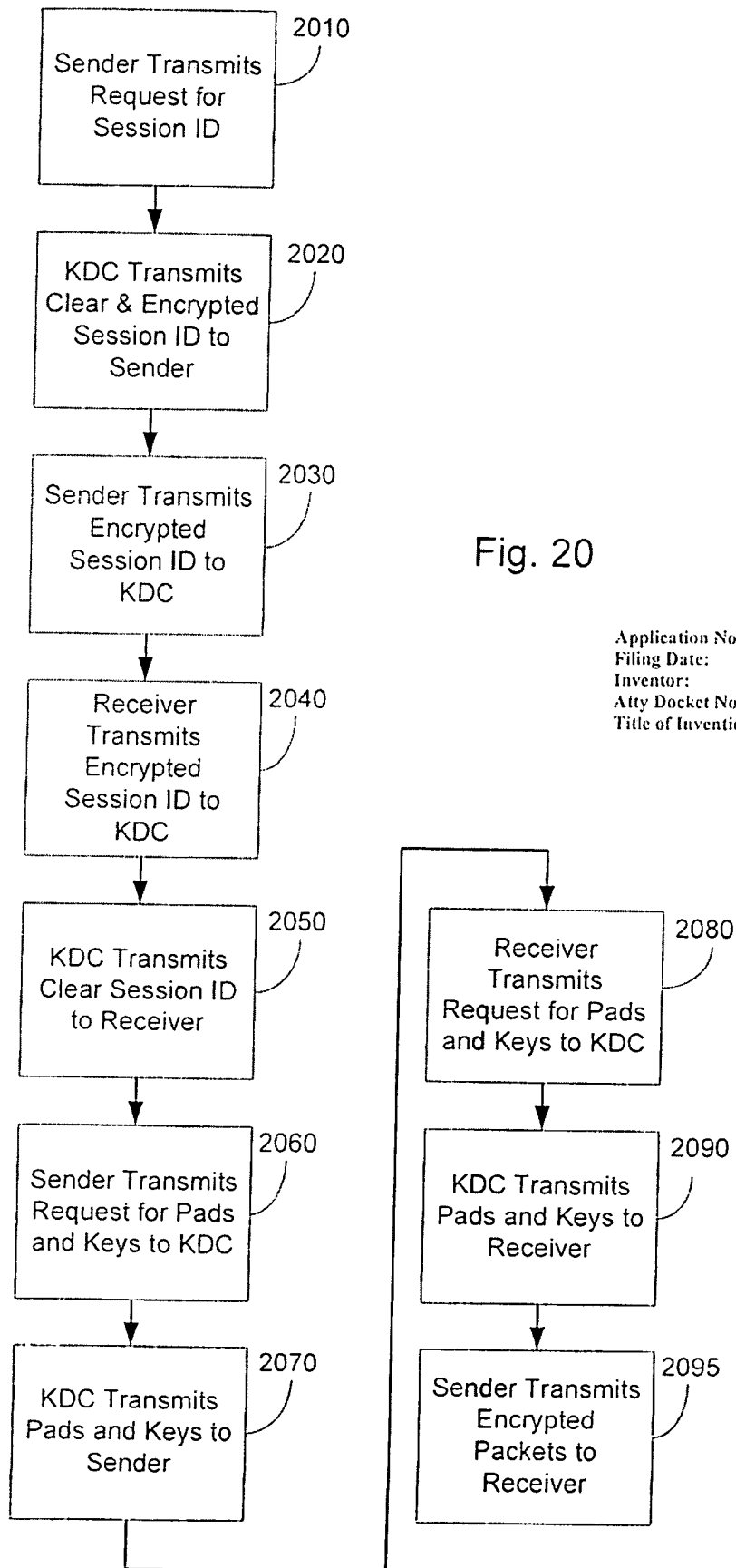


Fig. 20

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